

## ABSTRACT

A contrivance is applied to the wiring configuration for securely feeding electricity to electrodes provided in a multiplicity of reaction regions arranged on a substrate, irrespectively of the arrangement configuration of the electrodes. A bioassay substrate being a disk-shaped substrate having such a configuration that reaction regions 2 to be fields for interactions between substances are arranged in multiplicity and electrodes E are provided in the reaction regions 2, wherein feeder wirings 401, 402 which are extended from a current passing portion or portions (for example, 36) provided at a central portion of the substrate 1 and which are connected to the electrodes E1, E2 in the reaction regions 2 are extended to entirely cover the whole area of the substrate.